

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No: NEC PNDF-02155

First Named Inventor: HAZEYAMA

Complete if known:

Serial No: 10/501,195 Filing Date: July 9, 2004

Group Art Unit: Examiner:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD OF ARRANGING MICRO SPHERES WITH LIQUID, MICRO SPHERE ARRANGING DEVICE, AND SEMICONDUCTOR DEVICE, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, S. 1.56(a).

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Certified Copy

Priority ClaimedAttached2002-003869 Japan January 10, 2002 ☒ Yes ☐ No ☐ Yes☒ No

(Number)

(Country)

(Month/Day/Year Filed)

2002-040116 Japan February 18, 2002 ☒ Yes ☐ No ☐ Yes☒ No

(Number)

(Country)

(Month/Day/Year Filed)

2002-206047      Japan      July 15, 2002      ☒ Yes      ☐ No      ☐ Yes  
☒ No  
(Number)                      Country)      (Month/Day/Year Filed)

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

Application No: \_\_\_\_\_

Filing Date: \_\_\_\_\_

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/JP03/00148

January 10, 2003

US Parent Application No.

Parent Filing Date

Parent

Patent Number

or PCT Parent Appln. No.

(if applicable)

8 And I hereby appoint HAYES SOLOWAY P.C., a firm composed of Oliver W. Hayes, Reg. No. 15,867; Peter A. Nieves, Reg. No. 48,173; Andrew R. Martin, Reg. No. 45,413; or Todd A. Sullivan, Reg. No. 47,117, or any of them, of 175 Canal Street, Manchester, New Hampshire 03101 (Telephone: 603-668-1400); or Norman P. Soloway, Reg. No. 24,315; Kevin M. Drucker, Reg. No. 47,537; Ashley L. Kirk, Reg. No. 51,261; or Walter P. Opaska, Reg. No. 54,349, or any of them, of 130 W. Cushing Street, Tucson, Arizona 85701 (Telephone: 520-882-7623) my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith.

Please direct all future correspondence in connection with this application to the attention of Norman P. Soloway, HAYES SOLOWAY P.C., 130 W. Cushing Street, Tucson, Arizona 85701 (Telephone: 520-882-7623).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Ichiro HAZEYAMA

First Inventor's signature Ichiro HazeYama Date July 21, 2004

Residence: c/o NEC CORPORATION, 7-2, Shiba 5-chome, Minato-ku, Tokyo, JAPAN

Citizenship: Japanese

Post Office Address: Same as Residence

JPX

Full name of second inventor: Masahiro KUBO2<sup>nd</sup> Second Inventor's signature Masahiro Kubo Date July 21, 2004Residence: c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo, JAPAN JPXCitizenship: JapanesePost Office Address: Same as ResidenceFull name of third inventor: Sakae KITAJO3<sup>rd</sup> Third Inventor's signature Sakae Kitajo Date July 21, 2004Residence: c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo, JAPAN JPXCitizenship: JapanesePost Office Address: Same as ResidenceFull name of fourth inventor: Kazuhiko FUTAKAMI4<sup>th</sup> Fourth Inventor's signature Kazuhiko Futakami Date July 21, 2004Residence: c/o JAPAN E M CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, JAPAN JPXCitizenship: JapanesePost Office Address: Same as ResidenceFull name of fifth inventor: Shinichi ISHIDUKA5<sup>th</sup> Fifth Inventor's signature Shinichi Ishiduka Date July 21, 2004Residence: c/o JAPAN E M CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, JAPAN JPXCitizenship: JapanesePost Office Address: Same as ResidenceFull name of sixth inventor: Susumu NANKO6<sup>th</sup> Sixth Inventor's signature Susumu Nanko Date July 21, 2004Residence: c/o JAPAN E M CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, JAPAN JPXCitizenship: JapanesePost Office Address: Same as ResidenceFull name of seventh inventor: Hitoshi ANMA7<sup>th</sup> Seventh Inventor's signature Hitoshi Anma Date July 21, 2004Residence: c/o JAPAN E M CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, JAPAN JPXCitizenship: JapanesePost Office Address: Same as Residence

Full name of eighth inventor: Tosiji YAMADAEighth Inventor's signature Tosiji YAMADA Date July 21, 2004Residence: c/o JAPAN E M CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, JAPANCitizenship: JapanesePost Office Address: Same as Residence

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Full name of ninth inventor: Akeo KATAHIRANinth Inventor's signature Akeo Katahira Date July 21, 2004Residence: c/o JAPAN E M CO., LTD., 883-3, Koike-cho, Hamamatsu-shi, Shizuoka, JAPANCitizenship: JapanesePost Office Address: Same as Residence

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**IMPORTANT NOTICE RE DUTY OF CANDOR AND GOOD FAITH**

The Duty of Disclosure requirements of Section 1.56(a), of Title 37 of the Code of Federal Regulations are as follows:

A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.

By virtue of this regulation each inventor executing the Declaration for the filing of a Patent Application acknowledges his duty to disclose information of which he is aware and which may be material to the examination of the application.

Inherent in this is the duty to disclose any knowledge or belief that the invention:

- (a) was ever known or used in the United States of America before his invention thereof;
- (b) was patented or described in any printed publication in any country before his invention thereof or more than one year prior to the actual filing date of the U.S. patent application;
- (c) was in public use or on sale in the United States of America more than one year prior to the actual filing date of the U.S. patent application; or
- (d) has been patented or made the subject of inventor's certificate issued before the actual filing date of the U.S. patent application in any country foreign to the United States of America on an application filed by him or his legal representatives or assigns more than twelve months before the actual filing date in the United States.

NOTE: The "Information" concerned includes, but is not limited to, all published applications and patents, including applicant's and assignee's own, U.S. or foreign applications and patents, as well as any other pertinent prior art known, or which becomes known, to the inventor or his representatives. Where English language equivalents of foreign language documents are known, they should be identified and, when possible, copies supplied. Failure to comply with this requirement may result in a patent issued on the application being held invalid even if the known prior art which is not supplied is material to only one claim of that patent.